

09-11-02

Gp/2076 \$

EXPRESS MAIL NO. EV064992238US

PTO/SB/21 (08-08)

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**(To be used for all correspondence
after initial filing)

Application Number	10/007,299
Filing Date	November 8, 2001
First Named Inventor	Giovanni B. Marchisio
Group Art Unit	2176
Examiner Name	
Attorney Docket No.	480193.402


RECEIVED

SEP 19 2002

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> CD(s), <i>Technology Center 2100</i> of CD(s)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Amendment/Response	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement; Form PTO-1449	<input type="checkbox"/> Declaration	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Cited References	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	

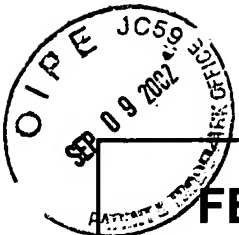
Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Ellen M. Bierman	 00500 PATENT TRADEMARK OFFICE
Signature	<i>Ellen M. Bierman</i>	
Date	September 9, 2002	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date specified below.

Typed or printed name	***SENT VIA EXPRESS MAIL***	
Signature		Date:



EXPRESS MAIL NO. EV064992238US

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,077

Complete if Known

Application Number **10/007,299**Filing Date **N vember 8, 2001**First Named Inventor **Gi vanni B. Marchisi**

Examiner Name

Group Art Unit **2176**Attorney Docket No. **480193.402****RECEIVED****SEP 19 2002****METHOD OF PAYMENT**☒ Payment Enclosed:☒ Check ☐ Credit card ☐ Money Order ☐ Other☐ Deposit Account:Deposit
Account
Number**19-1090**Deposit
Account
Name**Seed Intellectual Property Law Group
PLLC**

The Commissioner is authorized to (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any deficiencies

to the above-identified deposit account.

☒ Applicant claims small entity status. See 37 CFR 1.27.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee(\$)	Fee Code	Fee(\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims	93	-20** =	73	* Fee from below	9	=	657
Independent Claims	13	-3** =	10	* Fee from below	42	=	420
Multiple Dependent				* Fee from below		=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION**3. ADDITIONAL FEES**

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BYName
(Print/Type)**Ellen M. Bierman**Registration No.
Attorney/Agent)**38,079**Firm Name/
Address

Signature

Ellen M. Bierman

Date

September 9, 2002**00500**

PATENT TRADEMARK OFFICE



EXPRESS MAIL NO. EV064992238US

PATENT

7/A
LB
2/11/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Giovanni B. Marchisio et al.
Application No. : 10/007,299
Filed : November 8, 2001
For : METHOD AND SYSTEM FOR ENHANCED DATA SEARCHING

Art Unit : 2176
Docket No. : 480193.402
Date : September 9, 2002

Commissioner for Patents
Washington, DC 20231

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PRELIMINARY AMENDMENT

Commissioner for Patents:

Please amend the above-identified application as follows:

In the Claims:

Please cancel claim 1.

Please add new claims 2-94 to read as follows:

AI
2. (New) A method in a computer system for transforming a document of a data set into a canonical representation, the document having a plurality of sentences, each sentence having a plurality of terms, comprising:

for each sentence,

parsing the sentence to generate a parse structure having a plurality of syntactic elements;

determining a set of meaningful terms of the sentence from the syntactic elements;

09/12/2002 NMDHAMM1 00000039 10007299

01 FC:203 657.00 DP
02 FC:202 420.00 DP